We claim:

1.   A method of retrieving data, comprising:

waiting for a predefined interval of time;

retrieving a first quantity of data from a remote entity after the predefined interval of time; and

redefining the interval of time in accordance with a predefined function.

2.   The method of claim 1, and further comprising:

waiting for the redefined interval of time; and

retrieving a second quantity of data from the remote entity after the redefined interval of time.

3.   The method of claim 1, and wherein the retrieving the first quantity of data includes deleting the first quantity of data at the remote entity.

4.   The method of claim 1, and wherein:

retrieving the first quantity of data defines a retrieval quantity; and

redefining the interval of time in accordance with the predefined function includes:

dividing the predefined interval of time by the retrieval quantity to define a data creation period; and

multiplying the data creation period by a predefined quantity to redefine the interval of time.

5.   The method of claim 4, and wherein the predefined quantity is defined as a predefined optimum retrieval quantity.

6.   The method of claim 4, and wherein the predefined quantity is defined as a re-definable retrieval quantity.

7.   The method of claim 4, and wherein the predefined quantity is defined as an optimum file retrieval count determined in accordance with a predefined optimization formula.

Case 200300426-1

1   8.   The method of claim 7, and wherein the predefined optimization formula is
2   defined as:
3   optimum file retrieval count = ((optimum retrieval packet size − overhead) / file
4   size).
5
6   9.   The method of claim 1, and wherein retrieving the first quantity of data
7   from the remote entity is performed by way of the Internet.
8
9   10.   The method of claim 1, and wherein the predefined function includes:
10   dividing the predefined interval of time by a quantity corresponding to the first
11   quantity of data to define a data creation period; and
12   multiplying the data creation period by a predefined quantity to redefine the
13   interval of time.
14
15   11.   A data handling system, comprising:
16   a remote entity configured to store data;
17   a local entity coupled in data communication with the remote entity, the local
18   entity configured to:
19   wait for a predefined interval of time;
20   retrieve a first quantity of data from the remote entity after the predefined
21   interval of time; and
22   redefine the interval of time in accordance with a predefined function.
23
24   12.   The data handling system of claim 11, and wherein the local entity is
25   further configured to:
26   wait for the redefined interval of time; and
27   retrieve a second quantity of data from the remote entity after the redefined
28   interval of time.

1   13.   The data handling system of claim 11, and wherein:

2   the first quantity of data defines a retrieval quantity; and

3   the local entity is further configured such that the predefined function includes:

4   dividing the predefined interval of time by the retrieval quantity to define a

5   data creation period; and

6   multiplying the data creation period by a predefined quantity to redefine

7   the interval of time.

8

9   14.   The data handling system of claim 13, and wherein the local entity is

10   further configured such that the predefined quantity is defined by a predefined optimum

11   retrieval quantity.

12

13   15.   The data handling system of claim 13, and wherein the local entity is

14   further configured such that the predefined quantity is selectively re-definable in

15   response to an input.

16

17   16.   The data handling system of claim 13, and wherein the local entity is

18   further configured such that the predefined quantity is defined as an optimum file

19   retrieval count determined in accordance with a predetermined optimization formula.

20

21   17.   The data handling system of claim 16, and wherein the local entity is

22   further configured such that the predetermined optimization formula is defined as:

23   optimum file retrieval count = ((optimum retrieval packet size − overhead) / file

24   size).

25

26   18.   The data handling system of claim 11, and wherein the remote entity is

27   further configured to delete the first quantity of data at the remote entity in response to

28   retrieving the first quantity of data.

29

30   19.   The data handling system of claim 11, and wherein the local entity

31   includes a data storage device configured to store the first quantity of data in

32   correspondence to the retrieval of the first quantity of data from the remote entity.

33

34   20.   The data handling system of claim 11, and wherein the local entity is

35   coupled in data communication with the remote entity by way of the Internet.

Case 200300426-1

1   21.   A computer-accessible storage media including an executable program

2   code, the program code configured to cause a processor to:

3   wait for a predefined interval of time;

4   retrieve a first quantity of data after the predefined interval of time; and

5   redefine the interval of time in accordance with a predefined function.

6

7   22.   The computer-accessible storage media of claim 21, and wherein the

8   program code is further configured to cause the processor to:

9   wait for the redefined interval of time; and

10   retrieve a second quantity of data after the redefined interval of time.

11

12   23.   The computer-accessible storage media of claim 21, and wherein the

13   program code is further configured such that the predefined function causes the

14   processor to:

15   determine a retrieval quantity corresponding to the first quantity of data;

16   divide the predefined interval of time by the retrieval quantity to define a data

17   creation period; and

18   multiply the data creation period by a predefined quantity to redefine the interval

19   of time.

20

21   24.   The computer-accessible storage media of claim 23, and wherein the

22   program code is further configured to causes the processor to re-define the predefined

23   quantity in response to an input.

24

25   25.   The computer-accessible storage media of claim 23, and wherein the

26   program code is further configured to cause the processor to determine the predefined

27   quantity as an optimum file retrieval count determined in accordance with a

28   predetermined optimization formula.

29

30   26.   The computer accessible storage media of claim 25, and wherein the

31   program code is further configured such that the predetermined optimization formula is

32   defined as:

33   optimum file retrieval count = ((optimum retrieval packet size − overhead) / file

34   size).

1   27.   The computer-accessible storage media of claim 21, and wherein the

2   program code is further configured to cause the processor to cause a remote entity to

3   delete the first quantity of data at the remote entity in response to retrieving the first

4   quantity of data.

5

6   28.   The computer-accessible storage media of claim 21, and wherein the

7   program code is further configured to cause the processor to retrieve the first quantity of

8   data from a remote entity by way of the Internet.

9

10   29.   A data system, comprising:

11   a remote entity configured to store data;

12   a user computer coupled in data communication with the remote entity and

13   configured to generate and store data within the remote entity; and

14   a local entity coupled in data communication with the remote entity, the local

15   entity configured to:

16   wait for a predefined interval of time;

17   retrieve a first quantity of data defining a retrieval quantity from the remote

18   entity after the predefined interval of time;

19   divide the predefined interval of time by the retrieval quantity to define a

20   data creation period;

21   multiply the data creation period by a predefined quantity to redefine the

22   interval of time;

23   wait for the redefined interval of time; and

24   retrieve a second quantity of data from the remote entity after the

25   redefined interval of time.

26

27   30.   The data system of claim 29, and wherein the local entity is coupled in

28   data communication with the remote entity by way of the Internet.

29

30   31.   The data system of claim 29, and wherein the local entity is further

31   configured to re-define the predefined quantity in response to an input.

32

33   32.   The data system of claim 29, and wherein the local entity is further

34   configured to cause the remote entity to delete the first quantity of data stored within the

35   remote entity after retrieving the first quantity of data.

1   33.   The data system of claim 29, and wherein the remote entity is configured

2 to delete the first quantity of data stored within the remote entity in response to retrieving

3 the first quantity of data.

4

5   34.   The data system of claim 29, and wherein the local entity is further

6 configured to determine the predefined quantity as an optimum file retrieval count in

7 accordance with a predefined optimization formula.

8

9   35.   The data system of claim 34, and wherein the local entity is further

10 configured such that the predefined optimization formula is defined as:

11   optimum file retrieval count = ((optimum retrieval packet size – overhead) / file

12 size).

13

14   36.   The data system of claim 29, and further comprising:

15   another remote entity configured to store data;

16   another user computer coupled in data communication with the other remote

17 entity, the user computer configured to generate and store data within the other remote

18 entity, and wherein the local entity is further configured to:

19   wait for another predefined interval of time;

20   retrieve a third quantity of data defining another retrieval quantity from the

21 other remote entity after the other predefined interval of time;

22   divide the other predefined interval of time by the other retrieval quantity to

23 define another data creation period;

24   multiply the other data creation period by another predefined quantity to

25 redefine the other interval of time;

26   wait for the other redefined interval of time; and

27   retrieve a fourth quantity of data from the other remote entity after the

28 other redefined interval of time.

1   37.   A data handling system, comprising:

2   remote means for generating a present quantity of data; and

3   local means for:

4   waiting for an interval of time corresponding to retrieving a prior quantity of

5   data from the remote means; and

6   retrieving the present quantity of data from the remote means after the

7   interval of time.

Case 200300426-1